

Heating Ventilation Air Conditioning Refrigeration Clean Energy (HVACR)

Corcoran High School CTE Pathway

The Career Field:

Heating, air conditioning, and refrigeration mechanics and installers work on heating, ventilation, cooling, and refrigeration systems. HVACR technicians work mostly in homes, schools, hospitals, office buildings, or factories. Their worksites may be very hot or cold because the heating and cooling systems they must repair may not be working properly and because some parts of these systems are located outdoors. Working in cramped spaces and during irregular hours is common.

Employment in this field is projected to grow 5 percent from 2021 to 2031.

The Program:

The HVACR Clean Energy program is designed to prepare students for extended study in an apprenticeship, two-year college or employment. This program teaches students the essential skills needed to begin a career in the HVACR trades. Students will gain real-world knowledge and hands-on experience in the fundamental components of heating, ventilation, cooling, and refrigeration systems that control the temperature and air quality in buildings, print reading, electrical wiring, proper tool use, and OSHA safety training. Students will develop and demonstrate integrated academics and employability skills through class activities, projects, community service and professional development. In their senior year, students can choose to specialize in Clear Energy learning foundational skills and knowledge in solar, wind, water, geothermal and bioenergy.



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Career Opportunities

- » HVACR Technician
- » Sheet Metal Workers
- » Boilermakers
- » Solar Photovoltaic Installers
- » Electricians
- » Stationary Engineers and Boiler Operators
- » General Maintenance and Repair Workers
- » Wind Turbine Technicians
- » Plumbers, Pipefitters, and Steamfitters

Certificates & College Credit

- » OSHA 10 General Safety
- » North American Technician Excellence (NATE)
- » Indoor Air Quality
- » Type 1 EPA
- » Type 2 EPA
- » Type 3 EPA

Partnerships

- » Manufacturers Association of CNY (MACNY)
- » CNY Building Trades Council
- » Mohawk Valley Community College
- » Syracuse Builders Exchange

Who

Any SCSD 8th grade student may apply to the HVACR CTE Pathway at Corcoran High School.

Cost

There is no cost for the HVACR CTE Pathway.

Where

Students in the HVACR CTE Pathway will attend Corcoran High School.

Apply

During the 8th grade year, students apply online at www.scsd.us or in person at the **Student Registration Center (1005 W. Fayette St.)**.

All applicants (accompanied by a parent or guardian) must complete an in-person interview with Corcoran staff.

Are you a detail oriented individual who prefers hands-on tasks and troubleshooting problems?

The CTE HVACR Pathway may be for you!

